



## SEQUENCE LISTING

<10> University of Alberta  
<120> Cancer Monitoring and Therapeutics  
<130> A894635US  
<140> 10/672,399  
<141> 2003-09-25  
<150> US 60/472,401  
<151> 2003-05-22  
<160> 14  
<170> PatentIn version 3.2  
<210> 1  
<211> 1737  
<212> DNA  
<213> Homo sapiens  
<400> 1  
atgagacagc aggacgcgcc caagcccact cctgcagccc gccgctgctc cggcctggcc 60  
cggaggggtgc tgaccatcgc cttcgccctg ctcatcctgg gcctcatgac ctgggcctac 120  
gccgccgggg tgccgctggc ctccgatcgc tacggcctcc tggccttcgg cctctacggg 180  
gccttccttt cagcgcacct ggtggcgagc agcctcttcg cgtacctgga gcaccggcgg 240  
gtggcgggcg cggcgcgggg gccgctggat gcagccaccg cgcgcagtgt ggcgctgacc 300  
atctccgcct accaggagga ccccgcgtag ctgcgccagt gcctggcgct cggccgcgcc 360  
ctgctgtacc cgcgcgcgcg gctgcgcgct ctcatggtgg tggatggcaa ccgcgccgag 420  
gacctctaca tggtcgacat gttccgcgag gtcttcgctg acgaggacct cgccacgtac 480  
gtgtgggacg gcaactacca ccagccctgg gaaccgcggg cggcggggcg ggtggggcgc 540  
ggagcctatc gggaggtgga ggcggaggat cctggggcgc tggcagtgga ggcgctggtg 600  
aggactcgca ggtgcgtgtg cgtggcgagc cgctggggcg gcaagcgca ggtcatgtac 660  
acagccttca aggcgctcgg agattcgggt gactacgtgc aggtctgtga ctggacaca 720  
aggttggacc ccatggcact gctggagctc gtgcgggtac tggacgagga ccccgggta 780  
ggggctgttg gtggggacgt gcggatcctt aaccctctgg actcctgggt cagcttccta 840  
agcagcctgc gatactgggt agccttcaat gtggagcggg cttgtcagag ctacttcac 900  
tgtgtatcct gcatcagcgg tcctctaggc ctatatagga ataacctctt gcagcagttt 960  
cttgaggcct ggtacaacca gaagttcctg ggtaccact gtacttttgg ggatgaccgg 1020  
cacctacca accgcatgct cagcatgggt tatgtacca agtacacct cagggtcccg 1080  
tgctactcag agacgccctc gtccttctct cggtggtga gccagcagac acgtggtcc 1140  
aagtcgtact tccgtgagtg gctgtacaac gcgctctggt ggcaccggca ccatgcgtgg 1200  
atgacctacg aggcggtggt ctccggcctg tcccccttct tcgtggcggc cactgtgctg 1260  
cgtctgttct acgcgggccc cccttgggcg ctgctgtggg tgctgctgtg cgtgcagggc 1320

gtggcactgg ccaaggcggc cttcgcggcc tggctgcggt gctgcctgcg catggtgctt 1380  
ctgtcgctct acgcgcccct ctacatgtgt ggcctcctgc ctgccaagtt cctggcgcta 1440  
gtcaccatga accagagtgg ctggggcacc tcgggcccgc ggaagctggc cgctaactac 1500  
gtccctctgc tgccctggc gctctgggcg ctgctgctgc ttgggggcct ggtccgcagc 1560  
gtagcacacg aggccagggc cgactggagc ggccttccc gcgcagccga ggcctaccac 1620  
ttggccgcgg gggccggcgc ctacgtgggc tactgggtgg ccatgttgac gctgtactgg 1680  
gtgggcgtgc ggaggctttg ccggcggcgg accgggggct accgcgtcca ggtgtga 1737

<210> 2  
<211> 578  
<212> PRT  
<213> Homo sapiens  
<400> 2

Met Arg Gln Gln Asp Ala Pro Lys Pro Thr Pro Ala Ala Arg Arg Cys  
1 5 10 15

Ser Gly Leu Ala Arg Arg Val Leu Thr Ile Ala Phe Ala Leu Leu Ile  
20 25 30

Leu Gly Leu Met Thr Trp Ala Tyr Ala Ala Gly Val Pro Leu Ala Ser  
35 40 45

Asp Arg Tyr Gly Leu Leu Ala Phe Gly Leu Tyr Gly Ala Phe Leu Ser  
50 55 60

Ala His Leu Val Ala Gln Ser Leu Phe Ala Tyr Leu Glu His Arg Arg  
65 70 75 80

Val Ala Ala Ala Ala Arg Gly Pro Leu Asp Ala Ala Thr Ala Arg Ser  
85 90 95

Val Ala Leu Thr Ile Ser Ala Tyr Gln Glu Asp Pro Ala Tyr Leu Arg  
100 105 110

Gln Cys Leu Ala Ser Ala Arg Ala Leu Leu Tyr Pro Arg Ala Arg Leu  
115 120 125

Arg Val Leu Met Val Val Asp Gly Asn Arg Ala Glu Asp Leu Tyr Met  
130 135 140

Val Asp Met Phe Arg Glu Val Phe Ala Asp Glu Asp Pro Ala Thr Tyr  
145 150 155 160

Val Trp Asp Gly Asn Tyr His Gln Pro Trp Glu Pro Ala Ala Ala Gly  
165 170 175

Ala Val Gly Ala Gly Ala Tyr Arg Glu Val Glu Ala Glu Asp Pro Gly  
 180 185 190

Arg Leu Ala Val Glu Ala Leu Val Arg Thr Arg Arg Cys Val Cys Val  
 195 200 205

Ala Gln Arg Trp Gly Gly Lys Arg Glu Val Met Tyr Thr Ala Phe Lys  
 210 215 220

Ala Leu Gly Asp Ser Val Asp Tyr Val Gln Val Cys Asp Ser Asp Thr  
 225 230 235 240

Arg Leu Asp Pro Met Ala Leu Leu Glu Leu Val Arg Val Leu Asp Glu  
 245 250 255

Asp Pro Arg Val Gly Ala Val Gly Gly Asp Val Arg Ile Leu Asn Pro  
 260 265 270

Leu Asp Ser Trp Val Ser Phe Leu Ser Ser Leu Arg Tyr Trp Val Ala  
 275 280 285

Phe Asn Val Glu Arg Ala Cys Gln Ser Tyr Phe His Cys Val Ser Cys  
 290 295 300

Ile Ser Gly Pro Leu Gly Leu Tyr Arg Asn Asn Leu Leu Gln Gln Phe  
 305 310 315 320

Leu Glu Ala Trp Tyr Asn Gln Lys Phe Leu Gly Thr His Cys Thr Phe  
 325 330 335

Gly Asp Asp Arg His Leu Thr Asn Arg Met Leu Ser Met Gly Tyr Ala  
 340 345 350

Thr Lys Tyr Thr Ser Arg Ser Arg Cys Tyr Ser Glu Thr Pro Ser Ser  
 355 360 365

Phe Leu Arg Trp Leu Ser Gln Gln Thr Arg Trp Ser Lys Ser Tyr Phe  
 370 375 380

Arg Glu Trp Leu Tyr Asn Ala Leu Trp Trp His Arg His His Ala Trp  
 385 390 395 400

Met Thr Tyr Glu Ala Val Val Ser Gly Leu Phe Pro Phe Phe Val Ala  
 405 410 415

Ala Thr Val Leu Arg Leu Phe Tyr Ala Gly Arg Pro Trp Ala Leu Leu  
 420 425 430

Trp Val Leu Leu Cys Val Gln Gly Val Ala Leu Ala Lys Ala Ala Phe  
 435 440 445

Ala Ala Trp Leu Arg Gly Cys Leu Arg Met Val Leu Leu Ser Leu Tyr  
450 455 460

Ala Pro Leu Tyr Met Cys Gly Leu Leu Pro Ala Lys Phe Leu Ala Leu  
465 470 475 480

Val Thr Met Asn Gln Ser Gly Trp Gly Thr Ser Gly Arg Arg Lys Leu  
485 490 495

Ala Ala Asn Tyr Val Pro Leu Leu Pro Leu Ala Leu Trp Ala Leu Leu  
500 505 510

Leu Leu Gly Gly Leu Val Arg Ser Val Ala His Glu Ala Arg Ala Asp  
515 520 525

Trp Ser Gly Pro Ser Arg Ala Ala Glu Ala Tyr His Leu Ala Ala Gly  
530 535 540

Ala Gly Ala Tyr Val Gly Tyr Trp Val Ala Met Leu Thr Leu Tyr Trp  
545 550 555 560

Val Gly Val Arg Arg Leu Cys Arg Arg Arg Thr Gly Gly Tyr Arg Val  
565 570 575

Gln Val

<210> 3  
<211> 1071  
<212> DNA  
<213> Homo sapiens

<400> 3  
atgagacagc aggacgcgcc caagcccact cctgcagccc gccgctgctc cggcctggcc 60  
cggaggggtgc tgaccatcgc ctccgccctg ctcatcctgg gcctcatgac ctgggcctac 120  
gccgccgggg tgccgctggc ctccgatcgc tacggcctcc tggccttcgg cctctacggg 180  
gccttccttt cagcgcacct ggtggcgagc agcctcttcg cgtacctgga gcaccggcg 240  
gtggcgggcg cggcgcgggg gccgctggat gcagccaccg cgcgcagtgt ggcgctgacc 300  
atctccgcct accaggagga ccccgcgtag ctgcgccagt gcctggcgtc cgcccgcgcc 360  
ctgctgtacc cgcgcgcgcg gctgcgcgct ctcatggtgg tggatggcaa ccgcgccgag 420  
gacctctaca tggtcgacat gttccgcgag gtcttcgctg acgaggaccc cgccacgtac 480  
gtgtgggacg gcaactacca ccagccctgg gaaccgcgg cggcgggcgc ggtgggcgcc 540  
ggagcctatc gggaggtgga ggcggaggat cctgggcggc tggcagtgga ggcgctggtg 600  
aggactcgca ggtgcgtgtg cgtggcgagc cgctggggcg gcaagcgca ggtcatgtac 660  
acagccttca aggcgctcgg agattcggtg gactacgtgc aggtctgtga ctcgacaca 720

aggttgacc ccatggcact gctggagctc gtgcgggtac tggacgagga cccccgggta 780  
 ggggctgttg gtggggacgt gcggatcctt aaccctctgg actcctgggt cagcttccta 840  
 agcagcctgc gatactgggt agccttcaat gtggagcggg cttgtcagag ctacttcac 900  
 tgtgtatcct gcatcagcgg ttctctaggt acacctccag gtcccgtgc tactcagaga 960  
 cgccctcgtc cttcctgcgg tggctgagcc agcagacacg ctgggtccaag tcgtacttcc 1020  
 gtgagtggct gtacaacgcg ctctgggtggc accggcacca tgcgtggatg a 1071

<210> 4  
 <211> 376  
 <212> PRT  
 <213> Homo sapiens

<400> 4

Met Arg Gln Gln Asp Ala Pro Lys Pro Thr Pro Ala Ala Arg Arg Cys  
 1 5 10 15

Ser Gly Leu Ala Arg Arg Val Leu Thr Ile Ala Phe Ala Leu Leu Ile  
 20 25 30

Leu Gly Leu Met Thr Trp Ala Tyr Ala Ala Gly Val Pro Leu Ala Ser  
 35 40 45

Asp Arg Tyr Gly Leu Leu Ala Phe Gly Leu Tyr Gly Ala Phe Leu Ser  
 50 55 60

Ala His Leu Val Ala Gln Ser Leu Phe Ala Tyr Leu Glu His Arg Arg  
 65 70 75 80

Val Ala Ala Ala Ala Arg Gly Pro Leu Asp Ala Ala Thr Ala Arg Ser  
 85 90 95

Val Ala Leu Thr Ile Ser Ala Tyr Gln Glu Asp Pro Ala Tyr Leu Arg  
 100 105 110

Gln Cys Leu Ala Ser Ala Arg Ala Leu Leu Tyr Pro Arg Ala Arg Leu  
 115 120 125

Arg Val Leu Met Val Val Asp Gly Asn Arg Ala Glu Asp Leu Tyr Met  
 130 135 140

Val Asp Met Phe Arg Glu Val Phe Ala Asp Glu Asp Pro Ala Thr Tyr  
 145 150 155 160

Val Trp Asp Gly Asn Tyr His Gln Pro Trp Glu Pro Ala Ala Ala Gly  
 165 170 175

Ala Val Gly Ala Gly Ala Tyr Arg Glu Val Glu Ala Glu Asp Pro Gly  
 180 185 190

Arg Leu Ala Val Glu Ala Leu Val Arg Thr Arg Arg Cys Val Cys Val  
 195 200 205

Ala Gln Arg Trp Gly Gly Lys Arg Glu Val Met Tyr Thr Ala Phe Lys  
 210 215 220

Ala Leu Gly Asp Ser Val Asp Tyr Val Gln Val Cys Asp Ser Asp Thr  
 225 230 235 240

Arg Leu Asp Pro Met Ala Leu Leu Glu Leu Val Arg Val Leu Asp Glu  
 245 250 255

Asp Pro Arg Val Gly Ala Val Gly Gly Asp Val Arg Ile Leu Asn Pro  
 260 265 270

Leu Asp Ser Trp Val Ser Phe Leu Ser Ser Leu Arg Tyr Trp Val Ala  
 275 280 285

Phe Asn Val Glu Arg Ala Cys Gln Ser Tyr Phe His Cys Val Ser Cys  
 290 295 300

Ile Ser Gly Ser Leu Gly Thr Pro Pro Gly Pro Ala Ala Thr Gln Arg  
 305 310 315 320

Arg Pro Arg Pro Ser Cys Gly Gly Ala Ser Arg His Ala Gly Pro Ser  
 325 330 335

Arg Thr Ser Val Ser Gly Cys Thr Thr Arg Ser Gly Gly Thr Gly Thr  
 340 345 350

Met Arg Gly Pro Thr Arg Arg Trp Ser Pro Ala Cys Ser Pro Ser Ser  
 355 360 365

Trp Arg Pro Leu Cys Cys Val Cys  
 370 375

<210> 5  
 <211> 1083  
 <212> DNA  
 <213> Homo sapiens

<400> 5  
 atgagacagc aggacgcgcc caagcccact cctgcagccc gccgctgctc cggcctggcc 60  
 cggagggtgc tgaccatcgc cttcgccctg ctcatcctgg gcctcatgac ctgggcctac 120  
 gccgccgggg tgccgctggc ctccgatcgc tacggcctcc tggccttcgg cctctacggg 180  
 gccttccttt cagcgcacct ggtggcgcag agcctcttcg cgtacctgga gcaccggcgg 240  
 gtggcgggcg cggcgcgggg gccgctggat gcagccaccg cgcgcagtgt ggcgctgacc 300  
 atctccgcct accaggagga ccccgctac ctgcgccagt gcctggcgctc cgcccgcgcc 360

```

ctgctgtacc cgcgcgcgcg gctgcgcgtc ctcatggtgg tggatggcaa ccgcgccgag 420
gacctctaca tggtcgacat gttccgcgag gtcttcgctg acgaggaccc cgccacgtac 480
gtgtgggacg gcaactacca ccagccctgg gaaccgcgg cggcggggcg ggtggggcgcc 540
ggagcctatc gggaggtgga ggcggaggat cctgggcggc tggcagtgga ggcgctggtg 600
aggactcgca ggtgcgtgtg cgtggcgag cgctggggcg gcaagcgca ggtcatgtac 660
acagccttca aggcgctcgg agattcggtg gactacgtgc aggtctgtga ctcggaacaca 720
aggttggaac ccatggcact gctggagctc gtgcgggtac tggacgagga cccccgggta 780
ggggctgttg gtggggacgt gcggatcctt aacctctgag actcctgggt cagcttccta 840
agcagcctgc gatactgggt agccttcaat gtggagcggg cttgtcagag ctacttcac 900
tgtgtatcct gcatcagcgg tcctctagaa tcctgccag gccccaggga gcacgcgatg 960
atgccctcat tcctgcggcg cgtgcaggta cacctccagg tcccgctgct actcagagac 1020
gccctcgctc ttctgcgggt ggctgagcca gcagacacgc tggccaagt cgtacttccg 1080
tga 1083

```

```

<210> 6
<211> 360
<212> PRT
<213> Homo sapiens

```

```
<400> 6
```

```

Met Arg Gln Gln Asp Ala Pro Lys Pro Thr Pro Ala Ala Arg Arg Cys
1          5          10          15

```

```

Ser Gly Leu Ala Arg Arg Val Leu Thr Ile Ala Phe Ala Leu Leu Ile
          20          25          30

```

```

Leu Gly Leu Met Thr Trp Ala Tyr Ala Ala Gly Val Pro Leu Ala Ser
          35          40          45

```

```

Asp Arg Tyr Gly Leu Leu Ala Phe Gly Leu Tyr Gly Ala Phe Leu Ser
          50          55          60

```

```

Ala His Leu Val Ala Gln Ser Leu Phe Ala Tyr Leu Glu His Arg Arg
          65          70          75          80

```

```

Val Ala Ala Ala Ala Arg Gly Pro Leu Asp Ala Ala Thr Ala Arg Ser
          85          90          95

```

```

Val Ala Leu Thr Ile Ser Ala Tyr Gln Glu Asp Pro Ala Tyr Leu Arg
          100          105          110

```

```

Gln Cys Leu Ala Ser Ala Arg Ala Leu Leu Tyr Pro Arg Ala Arg Leu
          115          120          125

```

```

Arg Val Leu Met Val Val Asp Gly Asn Arg Ala Glu Asp Leu Tyr Met

```

130		135		140
Val Asp Met Phe Arg Glu	Val Phe Ala Asp Glu Asp	Pro Ala Thr Tyr		
145	150	155	160	
Val Trp Asp Gly Asn Tyr His Gln Pro Trp Glu Pro Ala Ala Ala Gly				
	165	170	175	
Ala Val Gly Ala Gly Ala Tyr Arg Glu Val Glu Ala Glu Asp Pro Gly				
	180	185	190	
Arg Leu Ala Val Glu Ala Leu Val Arg Thr Arg Arg Cys Val Cys Val				
	195	200	205	
Ala Gln Arg Trp Gly Gly Lys Arg Glu Val Met Tyr Thr Ala Phe Lys				
	210	215	220	
Ala Leu Gly Asp Ser Val Asp Tyr Val Gln Val Cys Asp Ser Asp Thr				
	225	230	235	240
Arg Leu Asp Pro Met Ala Leu Leu Glu Leu Val Arg Val Leu Asp Glu				
	245	250	255	
Asp Pro Arg Val Gly Ala Val Gly Gly Asp Val Arg Ile Leu Asn Pro				
	260	265	270	
Leu Asp Ser Trp Val Ser Phe Leu Ser Ser Leu Arg Tyr Trp Val Ala				
	275	280	285	
Phe Asn Val Glu Arg Ala Cys Gln Ser Tyr Phe His Cys Val Ser Cys				
	290	295	300	
Ile Ser Gly Pro Leu Glu Ser Cys Pro Gly Pro Arg Glu His Ala Met				
	305	310	315	320
Met Pro Ser Phe Leu Ala Pro Val Gln Val His Leu Gln Val Pro Leu				
	325	330	335	
Leu Leu Arg Asp Ala Leu Val Leu Pro Ala Val Ala Glu Pro Ala Asp				
	340	345	350	
Thr Leu Val Gln Val Val Leu Pro				
	355	360		

<210> 7  
 <211> 1065  
 <212> DNA  
 <213> Homo sapiens

<400> 7  
 atgagacagc aggacgcgcc caagcccact cctgcagccc gccgctgctc cggcctggcc



cggaggggtgc tgaccatcgc cttcgccctg ctcatacctgg gcctcatgac ctgggcctac 120  
 gccgccgggg tgccgctggc ctccgatcgc tacggcctcc tggccttcgg cctctacggg 180  
 gccttccttt cagcgcaact ggtggcgagc agcctcttcg cgtacctgga gcaccggcgg 240  
 gtggcgggcg cggcgcgggg gccgctggat gcagccaccg cgcgcagtgt ggcgctgacc 300  
 atctccgcct accaggagga ccccgctgac ctgcgccagt gcctggcgtc cgcccgcgcc 360  
 ctgctgtacc cgcgcgcgcg gctgcgcgct ctcattggtg tggatggcaa ccgcgccgag 420  
 gacctctaca tggtcgacat gttccgcgag gtcttcgctg acgaggaccc cgccacgtac 480  
 gtgtgggacg gcaactacca ccagccctgg gaaccgcggc cggcggggcg ggtggggcgcc 540  
 ggagcctatc gggaggtgga ggcggaggat cctggggcggc tggcagtgga ggcgctggtg 600  
 aggactcgca ggtgcgtgtg cgtggcgagc cgctggggcg gcaagcgca ggtcatgtac 660  
 acagccttca agcgctcgg agattcggtg gactacgtgc aggtctgtga ctcgacaca 720  
 aggttgacc ccatggcact gctggagctc gtgcgggtac tggacgagga ccccgggta 780  
 ggggctgttg gtggggacgt gcggatcctt aacctcttg actcctgggt cagcttccta 840  
 agcagcctgc gatactgggt agccttcaat gtggagcggg cttgtcagag ctacttcac 900  
 tgtgtatcct gcatcagcg tcctctaggc ctatatagga ataacctct gcagcagttt 960  
 cttgaggcct ggtacaacca gaagtctctg ggtaccact gtacttttg ggatgaccgg 1020  
 cacctacca accgcatgct cagcatgggt tatgtacca agtaa 1065

<210> 8  
 <211> 320  
 <212> PRT  
 <213> Homo sapiens

<400> 8

Ala Phe Leu Ser Ala His Leu Val Ala Gln Ser Leu Phe Ala Tyr Leu  
1 5 10 15

Glu His Arg Arg Val Ala Ala Ala Ala Arg Gly Pro Leu Asp Ala Ala  
20 25 30

Thr Ala Arg Ser Val Ala Leu Thr Ile Ser Ala Tyr Gln Glu Asp Pro  
35 40 45

Ala Tyr Leu Arg Gln Cys Leu Ala Ser Ala Arg Ala Leu Leu Tyr Pro  
50 55 60

Arg Ala Arg Leu Arg Val Leu Met Val Val Asp Gly Asn Arg Ala Glu  
65 70 75 80

Asp Leu Tyr Met Val Asp Met Phe Arg Glu Val Phe Ala Asp Glu Asp  
85 90 95

Pro Ala Thr Tyr Val Trp Asp Gly Asn Tyr His Gln Pro Trp Glu Pro

100	105	110
Ala Ala Ala Gly Ala Val Gly Ala Gly Ala Tyr Arg Glu Val Glu Ala		
115	120	125
Glu Asp Pro Gly Arg Leu Ala Val Glu Ala Leu Val Arg Thr Arg Arg		
130	135	140
Cys Val Cys Val Ala Gln Arg Trp Gly Gly Lys Arg Glu Val Met Tyr		
145	150	155
Thr Ala Phe Lys Ala Leu Gly Asp Ser Val Asp Tyr Val Gln Val Cys		
165	170	175
Asp Ser Asp Thr Arg Leu Asp Pro Met Ala Leu Leu Glu Leu Val Arg		
180	185	190
Val Leu Asp Glu Asp Pro Arg Val Gly Ala Val Gly Gly Asp Val Arg		
195	200	205
Ile Leu Asn Pro Leu Asp Ser Trp Val Ser Phe Leu Ser Ser Leu Arg		
210	215	220
Tyr Trp Val Ala Phe Asn Val Glu Arg Ala Cys Gln Ser Tyr Phe His		
225	230	235
Cys Val Ser Cys Ile Ser Gly Pro Leu Gly Leu Tyr Arg Asn Asn Leu		
245	250	255
Leu Gln Gln Phe Leu Glu Ala Trp Tyr Asn Gln Lys Phe Leu Gly Thr		
260	265	270
His Cys Thr Phe Gly Asp Asp Arg His Leu Thr Asn Arg Met Leu Ser		
275	280	285
Met Gly Tyr Ala Thr Lys Ala Glu Gly Thr Arg Trp Ser Gly Thr Pro		
290	295	300
Pro Gly Pro Ala Ala Thr Gln Arg Arg Pro Arg Pro Ser Cys Gly Gly		
305	310	315
		320

<210> 9  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 9  
 cgggcttgtc agagctactt

<210> 10  
 <211> 20  
 <212> DNA

<213> Homo sapiens	
<400> 10	
agggcgtctc tgagtagcag	20
<210> 11	
<211> 20	
<212> DNA	
<213> Homo sapiens	
<400> 11	
gcctcatctg tggagatggt	20
<210> 12	
<211> 20	
<212> DNA	
<213> Homo sapiens	
<400> 12	
tcccagaggt ccactaatgc	20
<210> 13	
<211> 20	
<212> DNA	
<213> Homo sapiens	
<400> 13	
catccaggtg tgcgactctg	20
<210> 14	
<211> 20	
<212> DNA	
<213> Homo sapiens	
<400> 14	
cgctgctcag gaaggaaatc	20